

Title (en)
STORAGE MANAGEMENT SYSTEM FOR VIRTUAL MACHINES

Title (de)
SPEICHERVERWALTUNGSSYSTEM FÜR VIRTUELLE MASCHINEN

Title (fr)
SYSTÈME DE GESTION DE STOCKAGE POUR MACHINES VIRTUELLES

Publication
EP 2350837 A1 20110803 (EN)

Application
EP 09813754 A 20090914

Priority

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Abstract (en)
[origin: WO2010030996A1] A computer system (a method) for providing storage management solution that enables server virtualization in data centers is disclosed. The system comprises a plurality of storagedevices for storing data and a plurality of storage management drivers configured to provide an abstraction of the plurality of the storage devices to one or more virtual machines of the data center. A storage management driver is configured to represent a live disk or a snapshot of a live disk in a virtual disk image to the virtual machine associated with the driver. The driver is further configured to translate a logical address for a data block to one or more physical addresses of the data block through the virtual disk image. The system further comprises a master server configured to manage the abstraction of the plurality of the storage devices and to allocate storage space to one or more virtual disk images.

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